

C-A OPERATIONS PROCEDURES MANUAL

4.56.v SEB "D6" Separator 2 Primary Cave Sweep Checklist

Approved: Signature on File _____
 Collider-Accelerator Department Chairman Date _____

Revision 01
June 17, 2002

SEB "D6 " SEPARATOR 2 PRIMARY CAVE SWEEP CHECKLIST

TeamLeader(TL)_____ Operator 2(O2)_____

Time:_____ Date:_____

Warning:

If any personnel are encountered during the sweep, **then** they will remain with the sweeper, or the sweep shall be aborted. **If** the sweep is aborted, **then** the person(s) must be escorted out of the cave by unlocking and opening the "D6" Separator 2 Primary Cave Gate.

Prerequisites

- Two Operators to perform the sweep.
- BNL keys, Nos. 6, 14.
- C-A OPM Att. 4.56.v — SEB "D6" SEPARATOR 2 PRIMARY CAVE SWEEP CHECKLIST (1 page).
- Controlled Access enabled by simultaneous operation of BNL6 keyswitch & MCR_2-1L2 push-button.
- TLD Badge and Alarming (chirping) Self-Reading Dosimeter.
- D6 Separator 2 toggle switch is set to CA in Terminal Room 215 Bldg. 911B.

Initial

- _____ 1. TL verifies with CAS Watch that D6 Separator 2 is off and will not be cleared for turn-on until notified by this sweep team.
- _____ 2. Sweep Team - enters the D6 Separator 2 Gate (BNL-14 Key) and closes it behind you. Proceed to downstream end of cave (D6Q8 magnet) [TL on Beam Right, O2 on Beam Left], (view underneath, make certain screen is in place).
- _____ 3. O2 - resets the "Reset Station" (push-button) near the down stream end of the cave on the wall opposite the main aisle. The "Reset Station" must indicate "Reset" (red light) in order to achieve the "D" clearance "Ready" condition at MCR_2-1L2.
- _____ 4. Sweep Team - sweeps upstream to the D6 Separator 2 Gate labyrinth.
- _____ 5. TL - Maintains a static watch where the gate labyrinth meets the cave.
- _____ 6. O2 – sweeps to the upstream end of the cave, then sweeps back downstream.
- _____ 7. O2 crosses under the beam line at the D/S end of Separator2 and joins TL at the gate labyrinth.
- _____ 8. Sweep Team - sweeps through the D6 Separator 2 Gate and closes it behind them.
- _____ 9. TL locks and reset (BNL-14 Key) the gate.
- _____ 10. TL - Notifies CAS Watch that the "D6" Separator 2 Cave is secured for beam and D6 Separator 2 may be turned on.
- _____ 11. TL verifies with MCR that "D6" Separator 2 Gate is reset for beam by viewing indicator at MCR_2-1L10.
- _____ 12. TL files the checklists in the section of FYXX Sweep Log Binder for completed "D6" Separator 2 Gate checklists.